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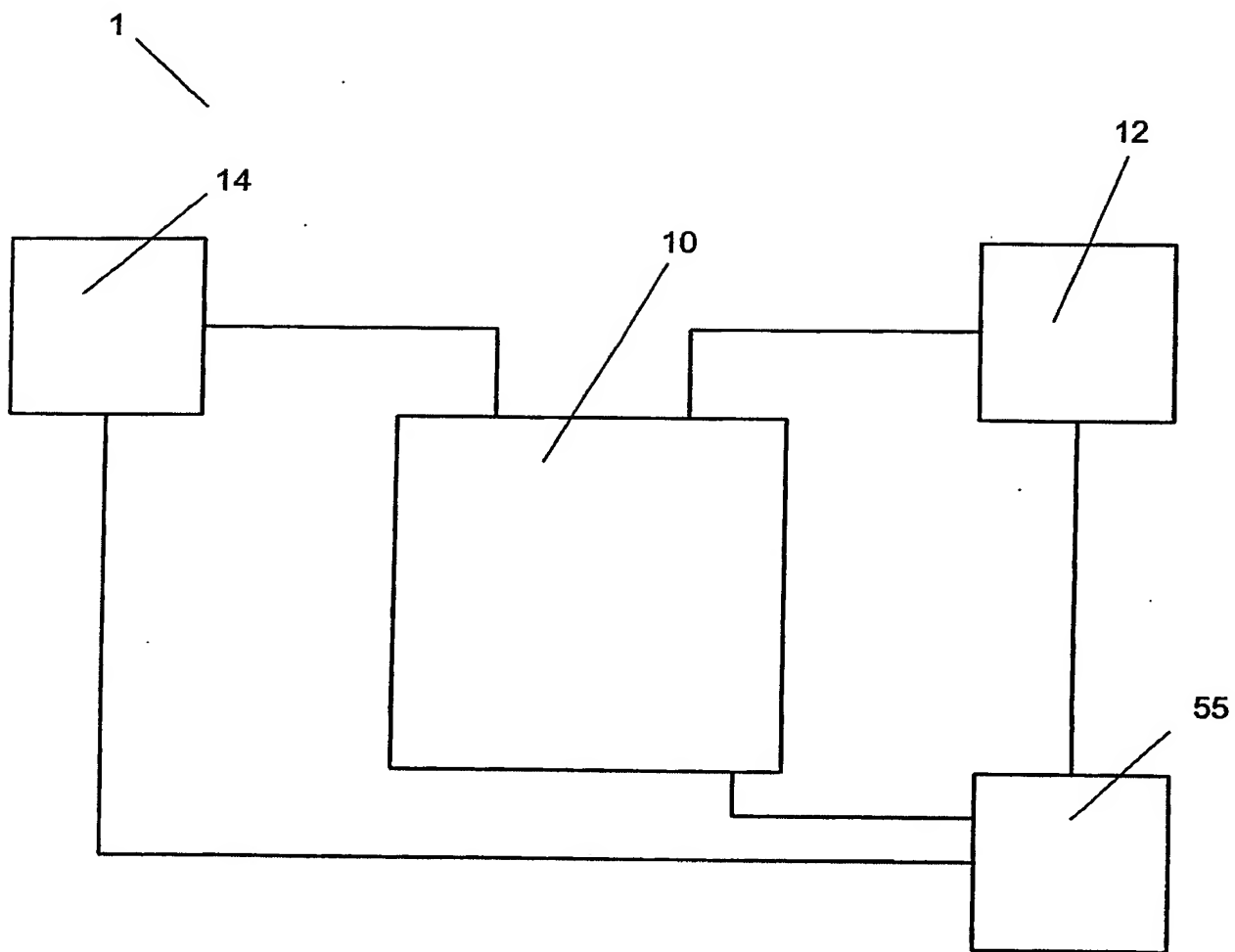


FIG. 1

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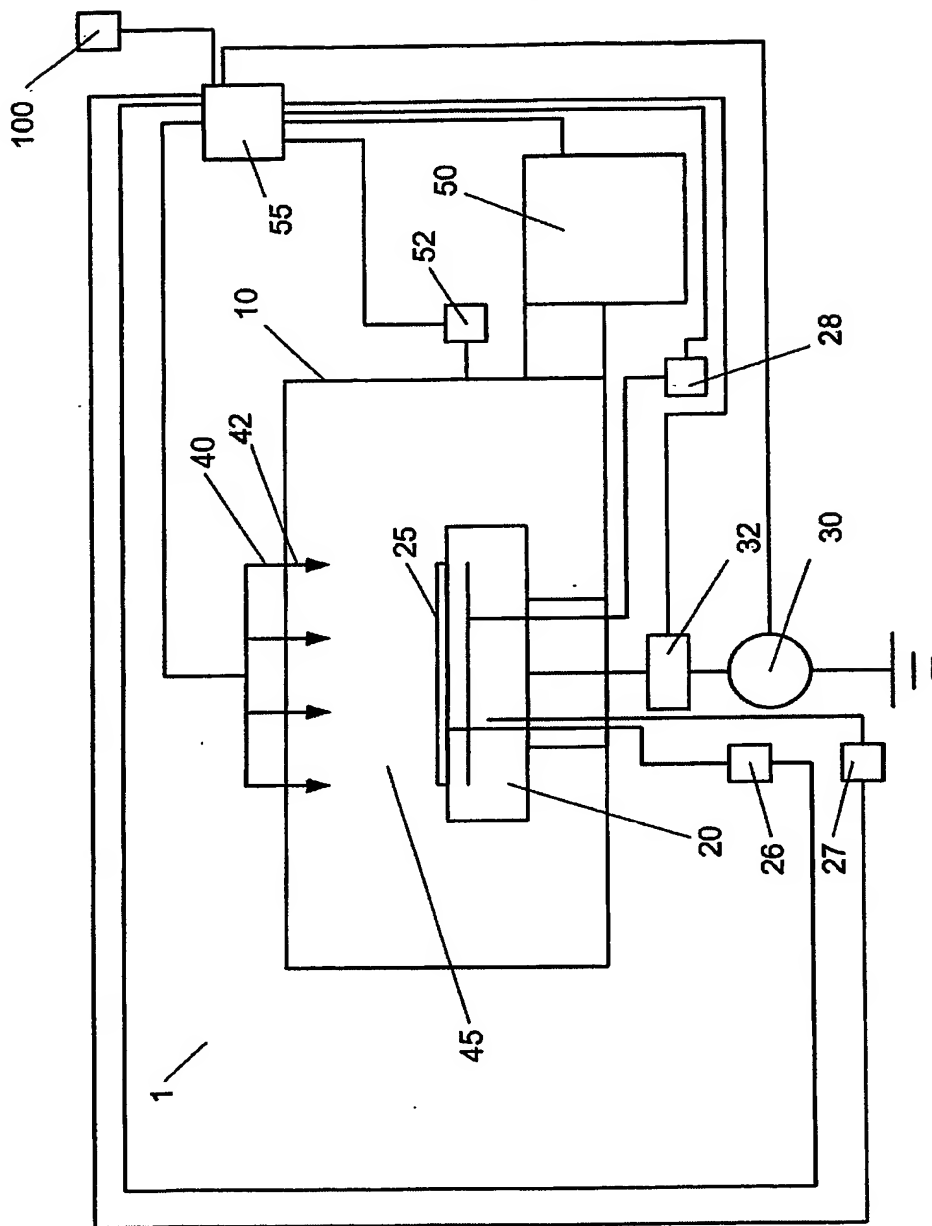


FIG. 2

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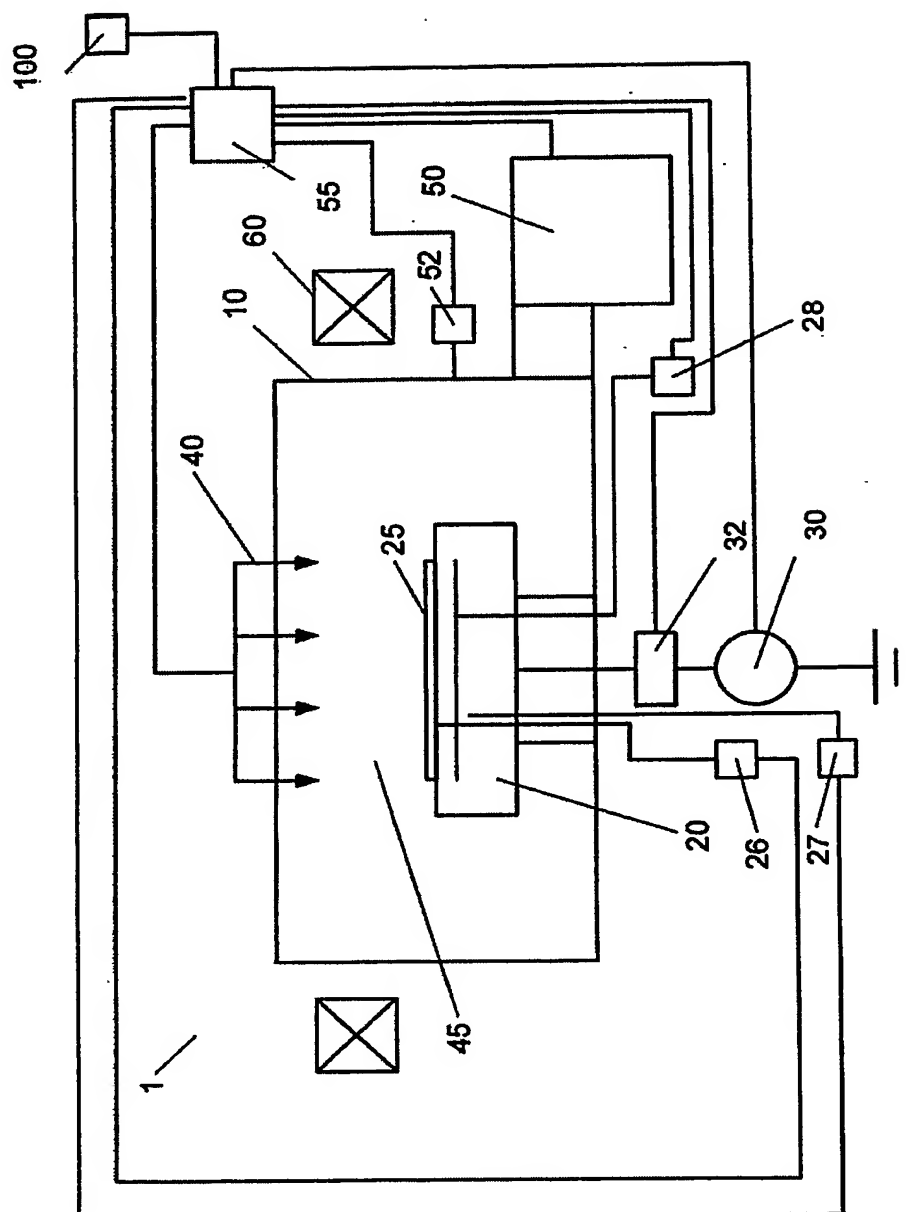


FIG. 3

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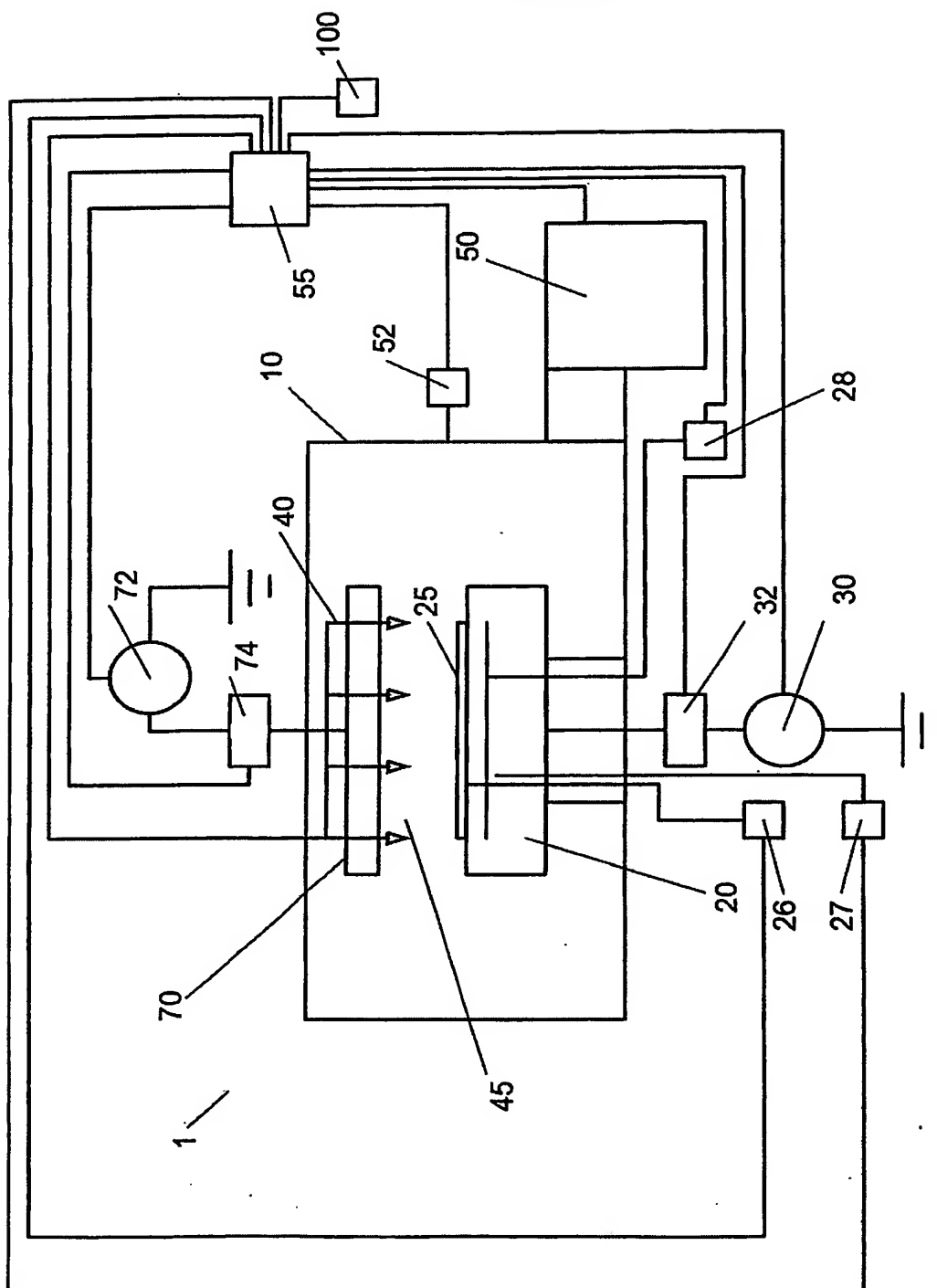


FIG. 4

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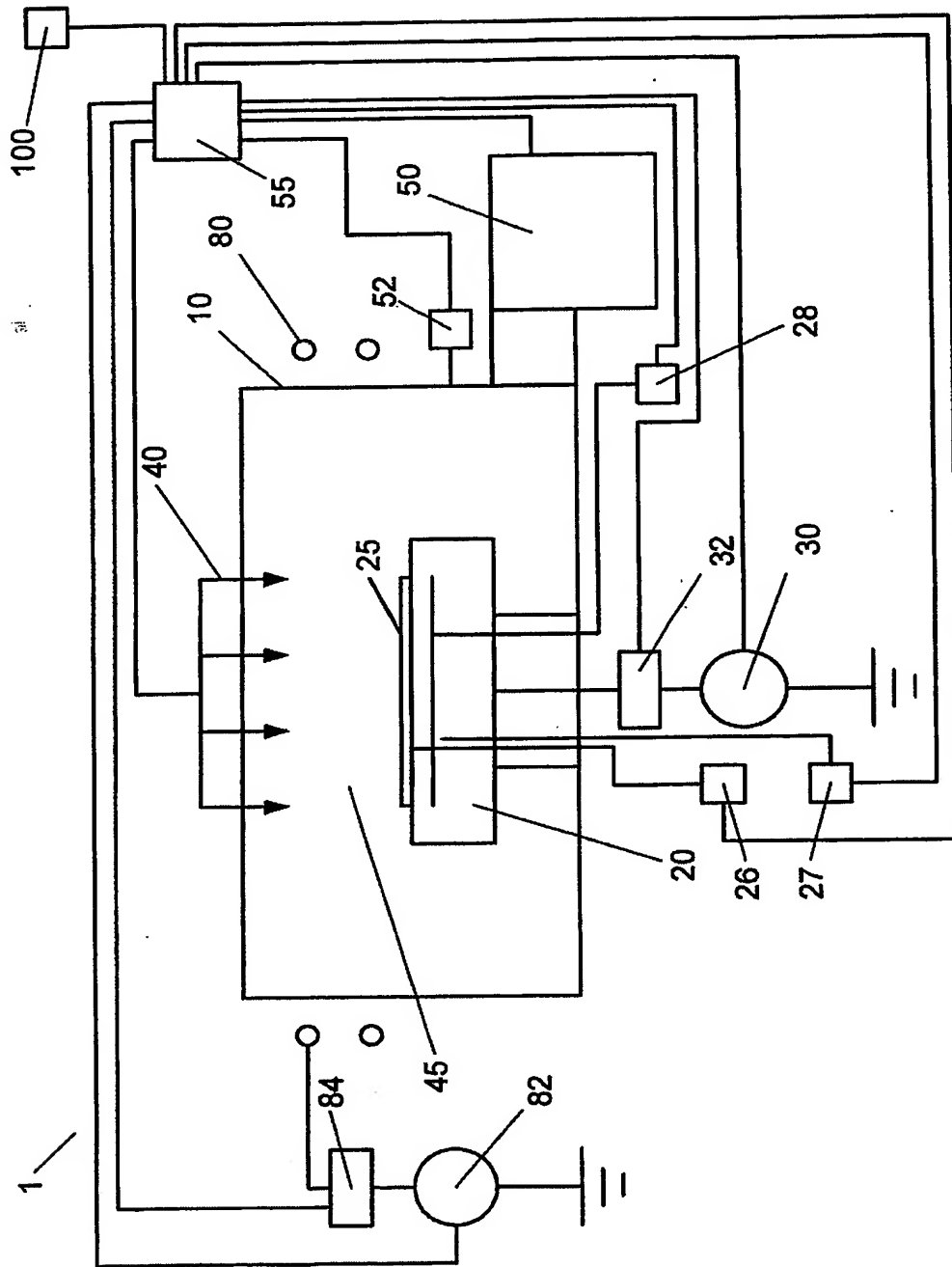


FIG. 5

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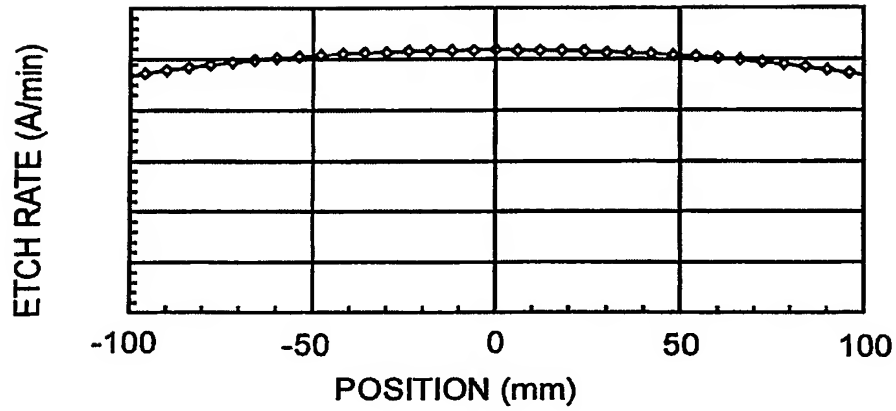


FIG. 6A

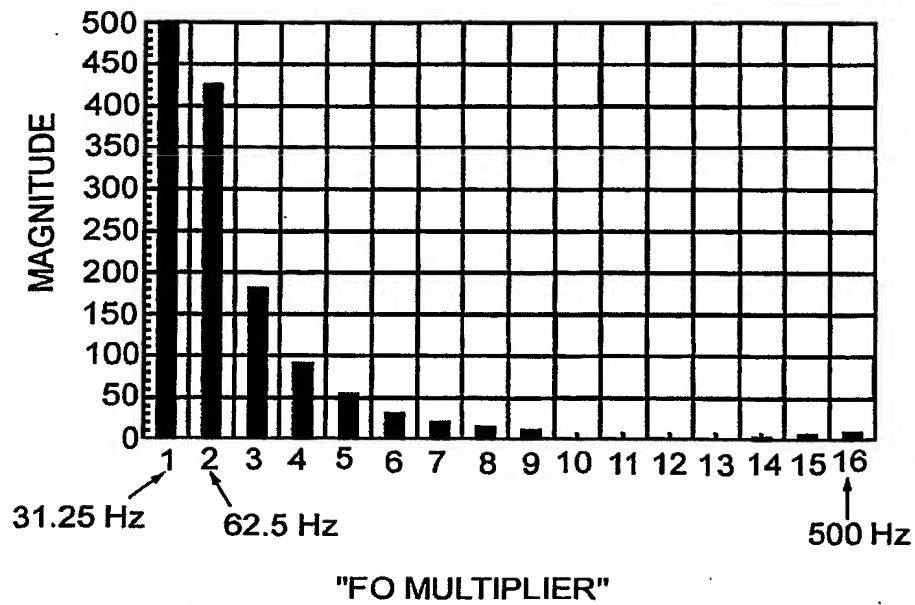


FIG. 6B

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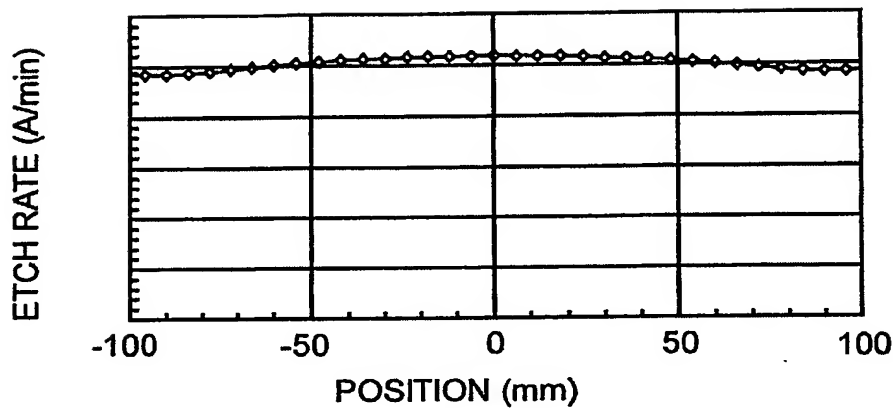
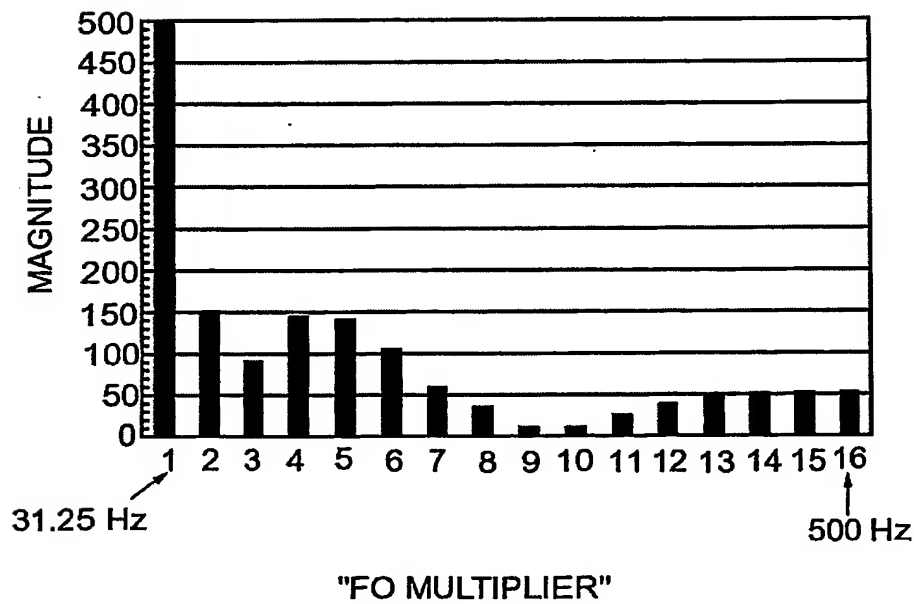


FIG. 7A



"FO MULTIPLIER"

FIG. 7B

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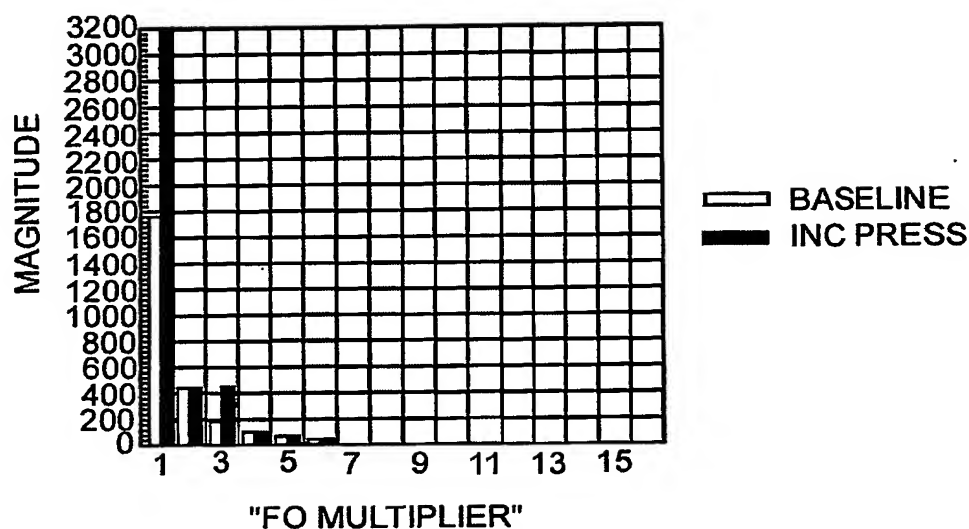


FIG. 8A

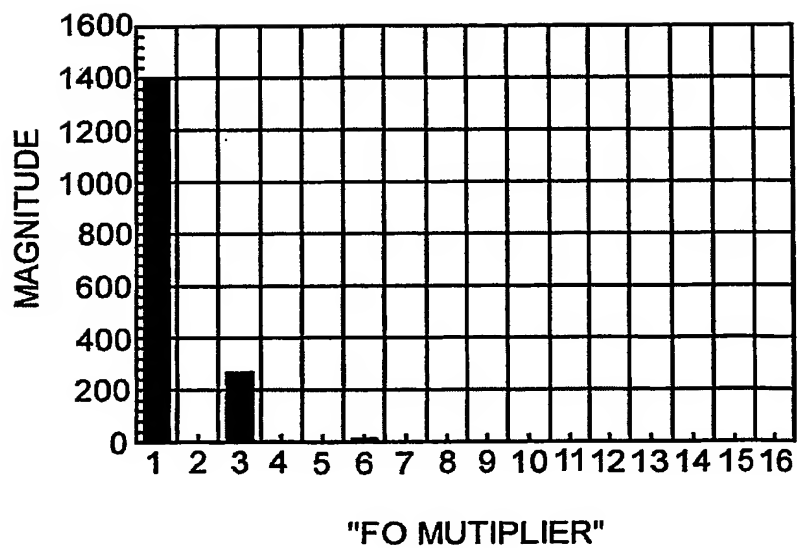


FIG. 8B



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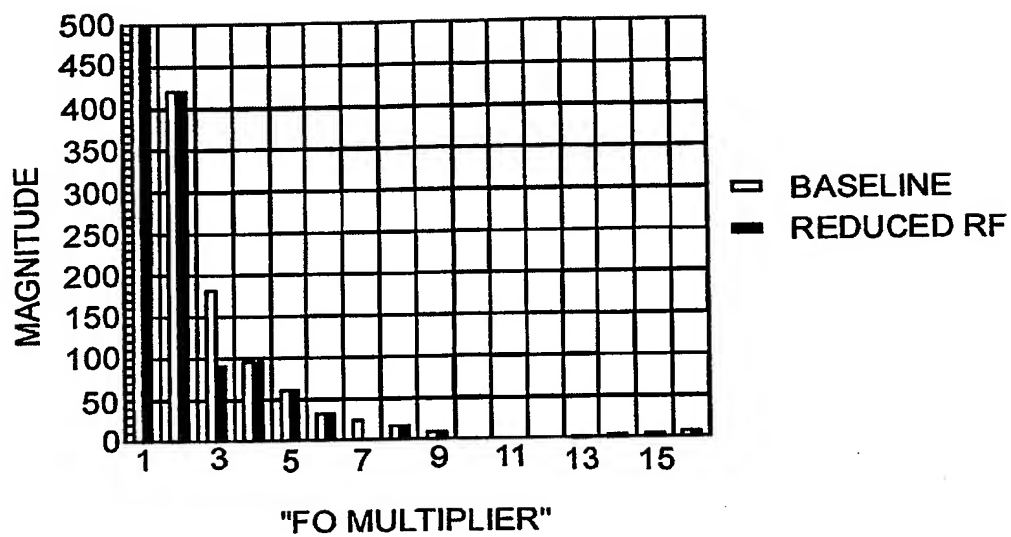


FIG. 9A

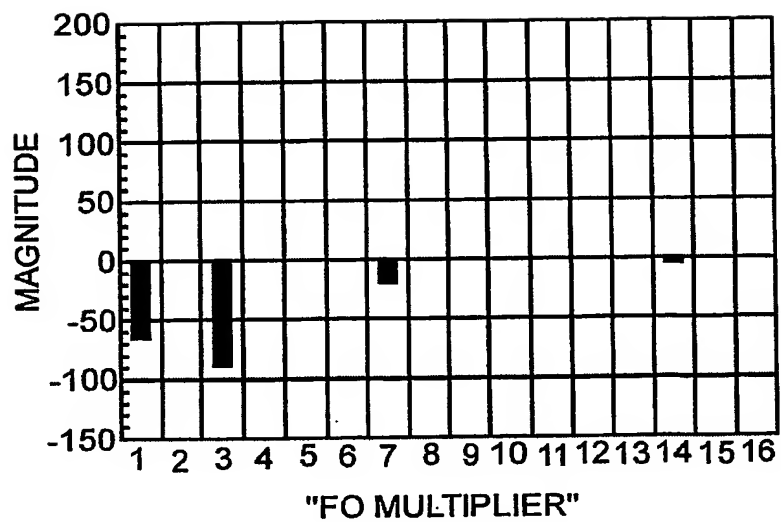
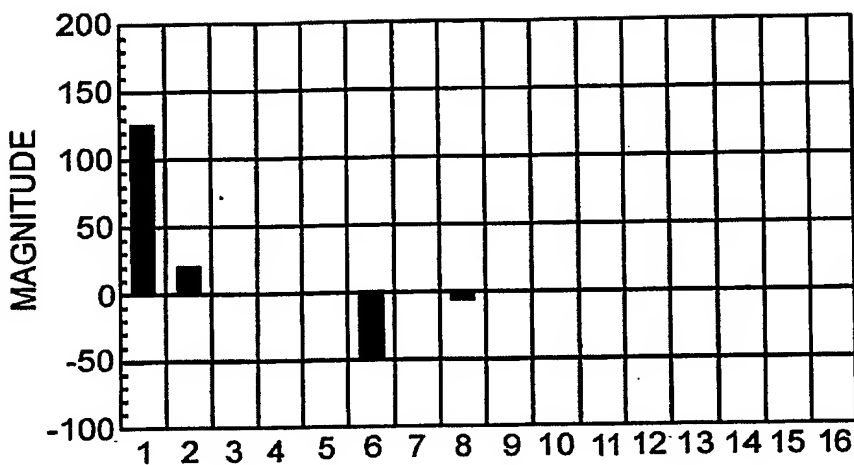


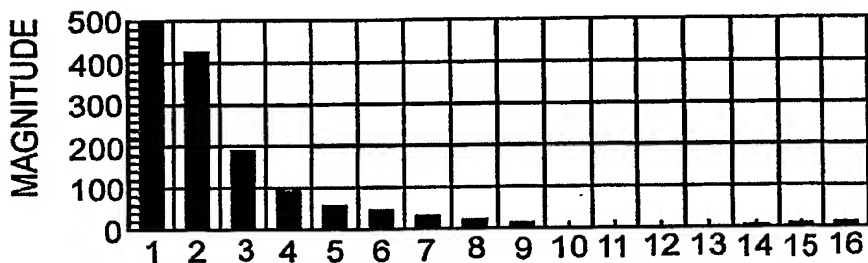
FIG. 9B

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"FO MULTIPLIER"

FIG. 9C



"FO MULTIPLIER"

FIG. 10A

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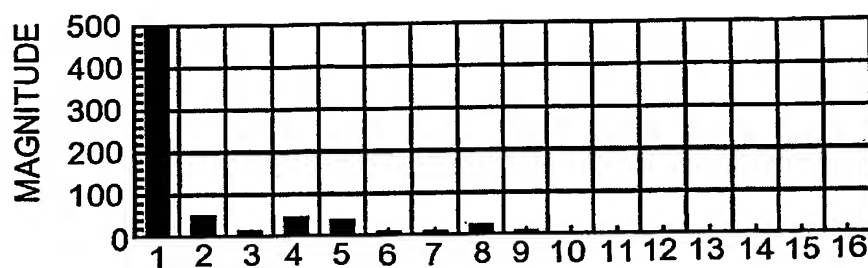


FIG. 10B

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|          | Hi P  | Lo P   | Hi He  | Lo He | Hi CF4 | Lo CF4 | Hi RF | Lo RF | Hi Temp | Lo Temp | 12mm FR | 20mm FR |
|----------|-------|--------|--------|-------|--------|--------|-------|-------|---------|---------|---------|---------|
| ONE      | 800.0 | -440.0 | -900.0 | 770.0 |        | 221.0  | 126.0 | -68.0 | 90.0    | -198.0  | 340.0   | -379.0  |
| TWO      |       |        | -200.0 |       | -168.0 |        | 14.0  |       |         |         | 68.0    |         |
| THREE    | 400.0 | -110.0 |        | 177.0 |        |        |       | -90.0 | 36.0    |         |         | -96.0   |
| FOUR     |       |        |        |       | -75.0  | 89.0   |       |       |         |         | 89.0    |         |
| FIVE     |       |        |        | 90.0  | -20.0  |        |       |       |         |         |         |         |
| SIX      | 55.0  |        |        |       |        |        | -48.0 |       |         |         |         |         |
| SEVEN    |       |        |        |       |        | 40.0   |       | -20.2 |         |         |         |         |
| EIGHT    |       |        |        |       |        |        | -8.0  |       |         | -11.0   |         |         |
| NINE     |       |        |        |       |        |        |       |       |         |         |         |         |
| TEN      |       |        |        |       |        |        |       |       |         | -3.0    |         |         |
| ELEVEN   |       |        |        |       |        |        |       |       |         |         |         |         |
| TWELVE   |       |        |        |       |        |        |       |       |         |         |         | -5.0    |
| THIRTEEN |       |        |        |       |        |        |       |       |         |         |         |         |
| FOURTEEN |       |        |        |       |        |        |       | -4.5  |         |         |         |         |
| FIFTEEN  |       |        |        |       |        |        |       |       |         |         |         | -5.3    |
| SIXTEEN  |       |        |        |       |        |        |       |       |         |         |         | -1.4    |

FIG. 11

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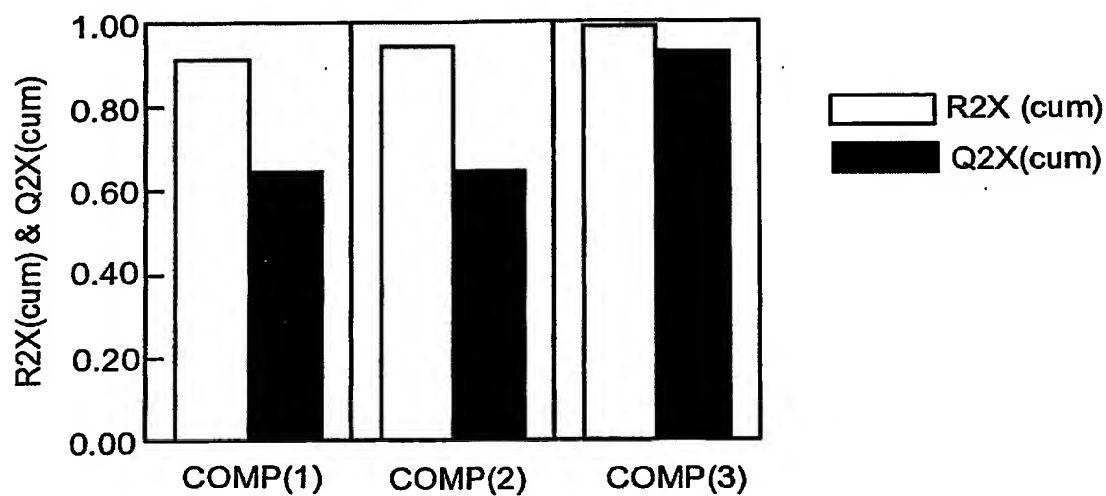


FIG. 12

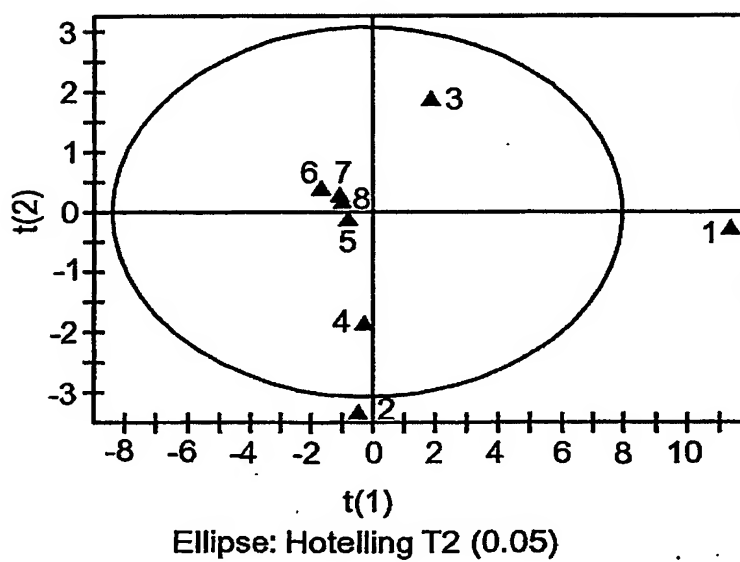


FIG. 13A

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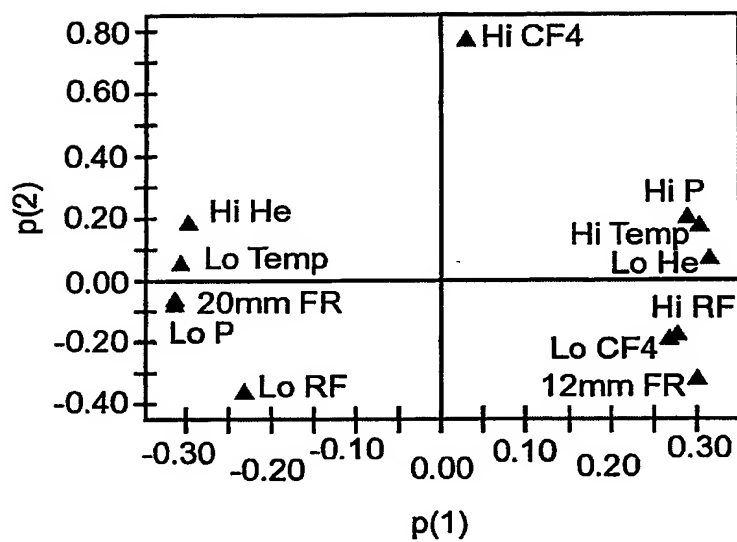
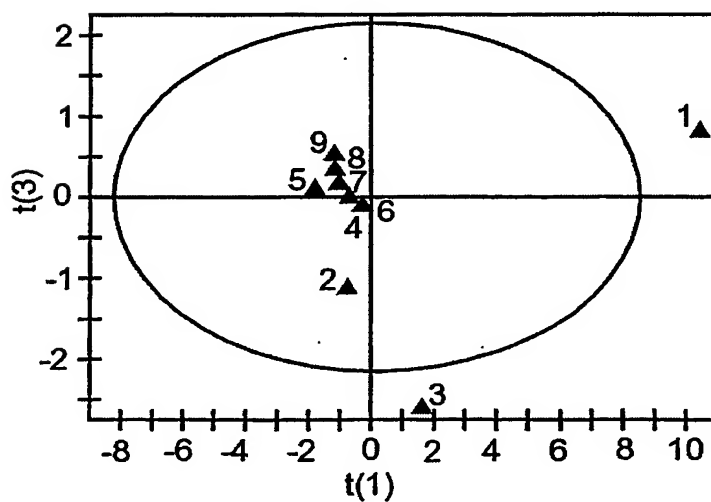


FIG. 13B



Ellipse: Hotelling T2 (0.05)

FIG. 14A

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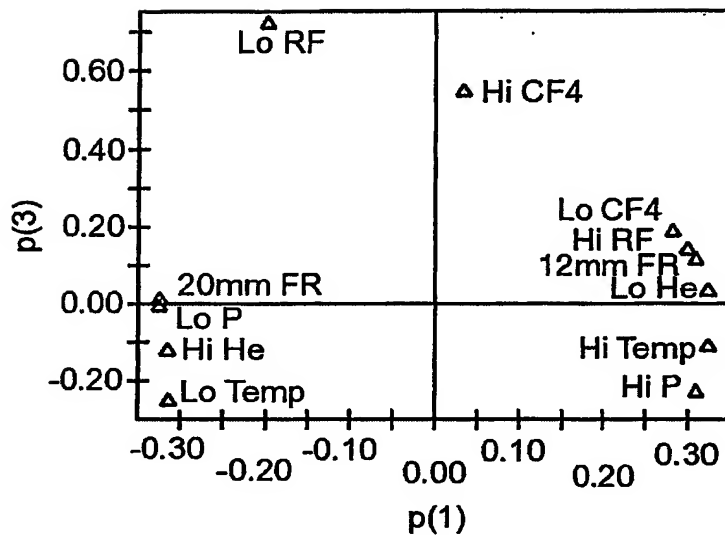


FIG. 14B

| $f_1$    | $f_2$ | $f_3$ | $f_4$ |
|----------|-------|-------|-------|
| Hi He    | Lo RF | HiCF4 | HiCF4 |
| Lo Temp  |       |       |       |
| Lo Press |       |       |       |
| 20mm FR  |       |       |       |
| Lo RF    |       |       |       |

FIG. 15

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|          | Lo P   | Hi He  | Hi CF4 | Lo RF | Lo Temp | 20mm FR | Sum     |
|----------|--------|--------|--------|-------|---------|---------|---------|
| ONE      | -440.0 | -900.0 |        | -68.0 | -198.0  | -379.0  | -1985.0 |
| TWO      |        | -200.0 | -168.0 |       |         |         | -358.0  |
| THREE    | -110.0 |        |        | -90.0 |         | -96.0   | -296.0  |
| FOUR     |        |        | -75.0  |       |         |         | -75.0   |
| FIVE     |        |        | -20.0  |       |         |         | -20.0   |
| SIX      |        |        |        |       |         |         | 0.0     |
| SEVEN    |        |        |        | -20.2 |         |         | -20.2   |
| EIGHT    |        |        |        |       | -11.0   |         | -11.0   |
| NINE     |        |        |        |       |         |         | 0.0     |
| TEN      |        |        |        |       | -3.0    |         | -3.0    |
| ELEVEN   |        |        |        |       |         |         | 0.0     |
| TWELVE   |        |        |        |       |         | -5.0    | -5.0    |
| THIRTEEN |        |        |        |       |         |         | 0.0     |
| FOURTEEN |        |        |        | -4.5  |         |         | -4.5    |
| FIFTEEN  |        |        |        |       |         | -5.3    | -5.3    |
| SIXTEEN  |        |        |        |       |         | -1.4    | -1.4    |

FIG. 16A



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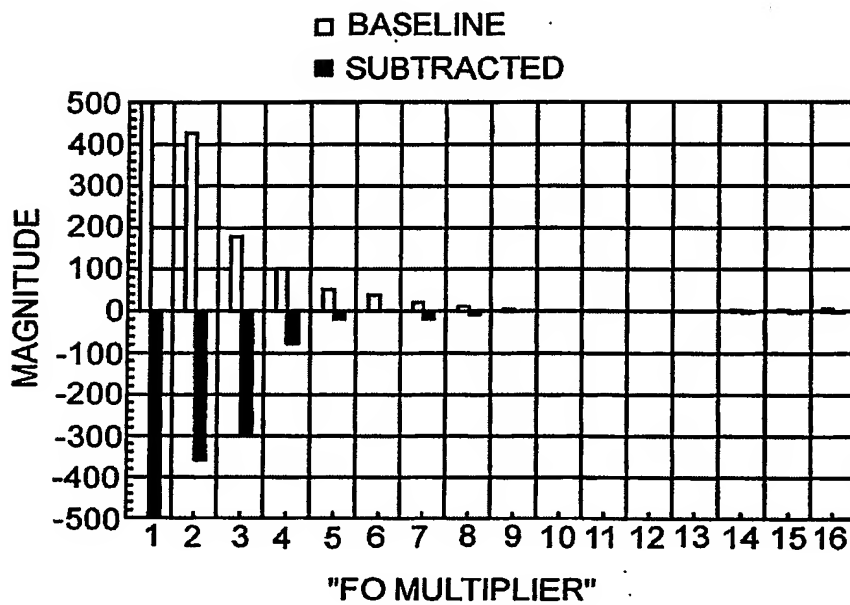


FIG. 16B

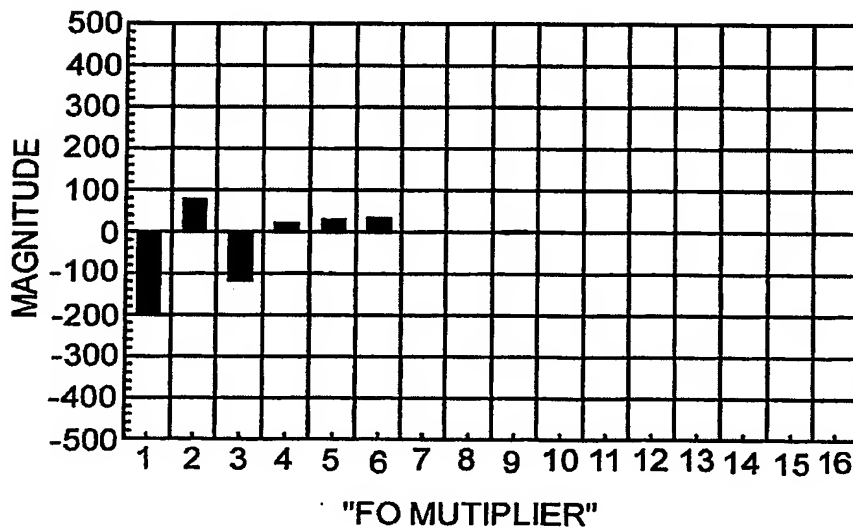


FIG. 16C

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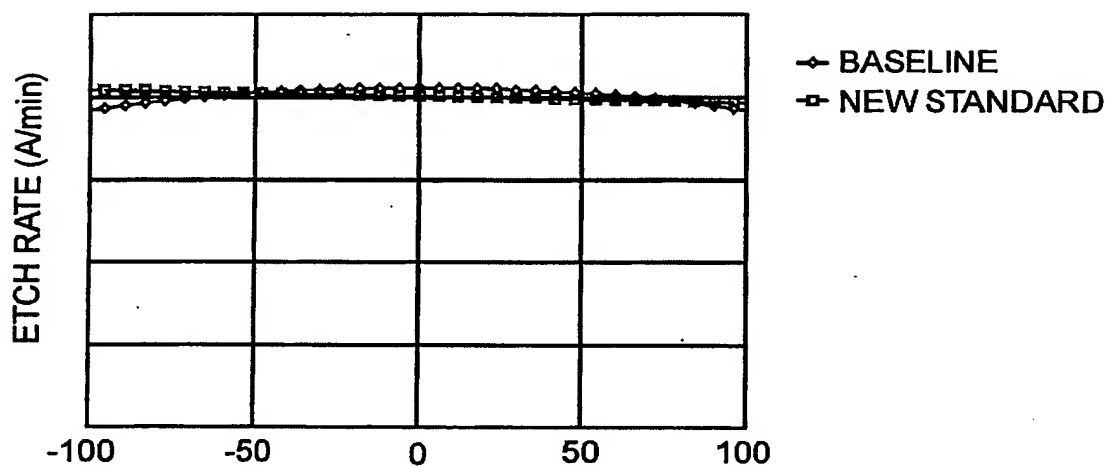


FIG. 17

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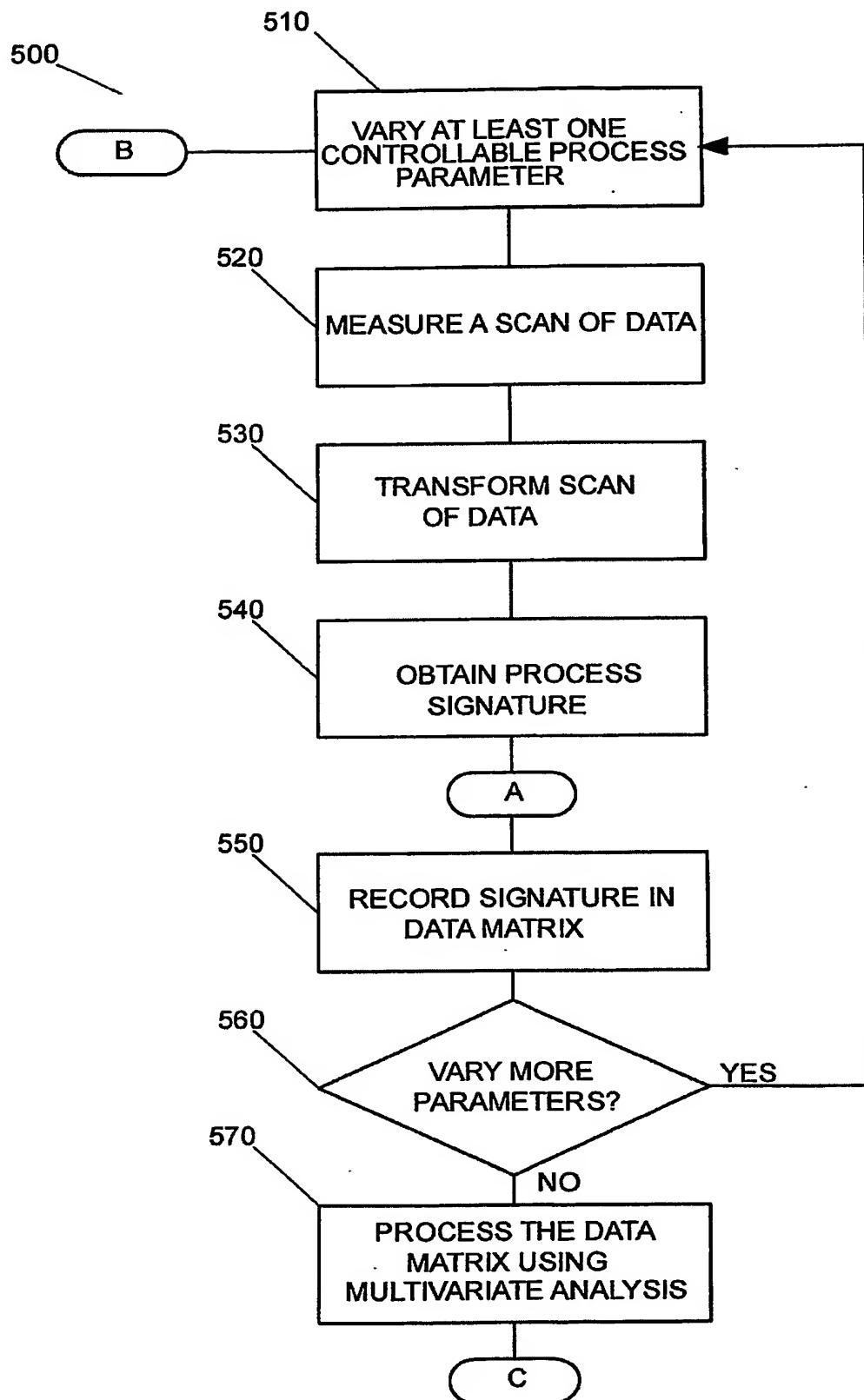


FIG. 18A

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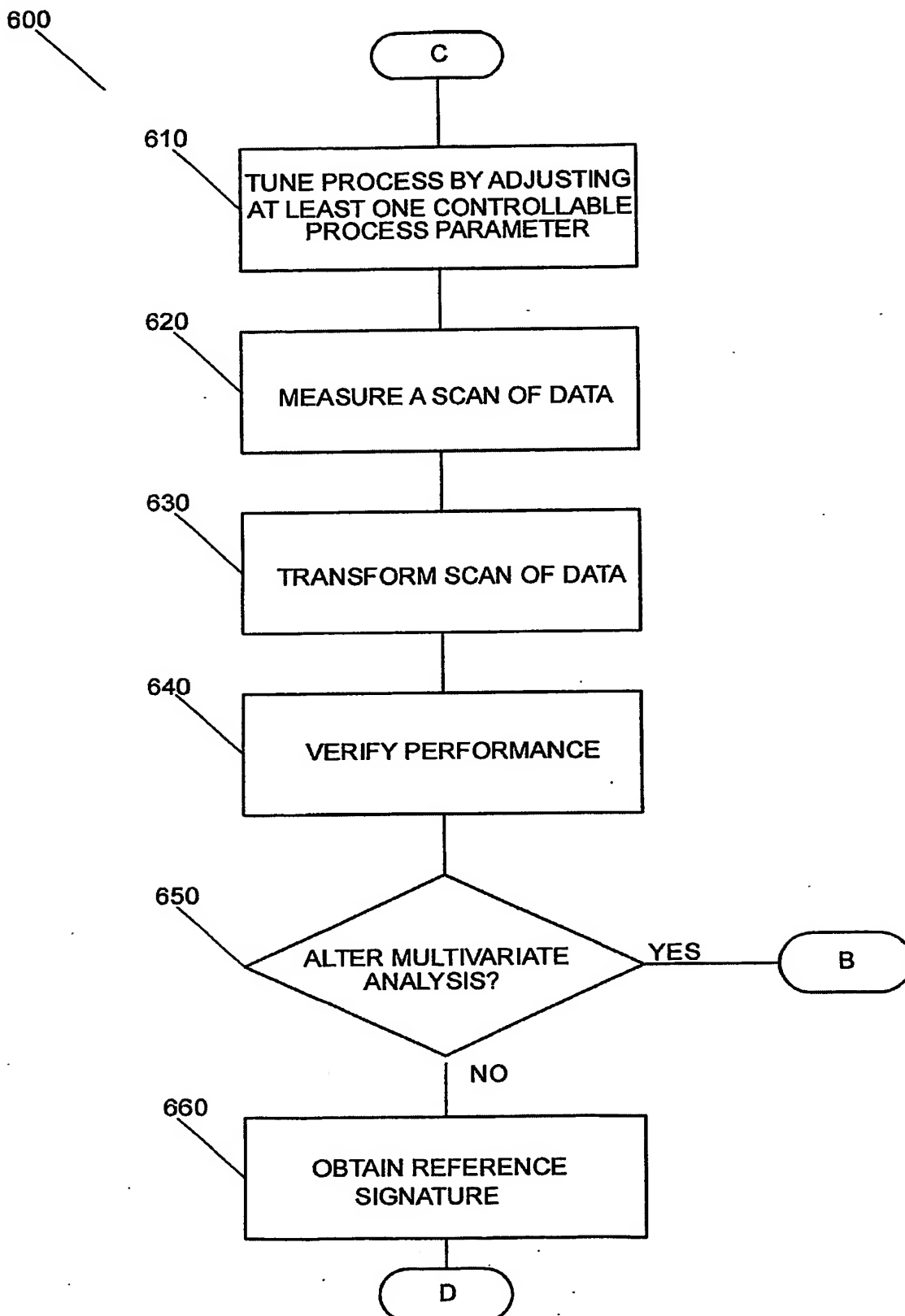


FIG. 18B

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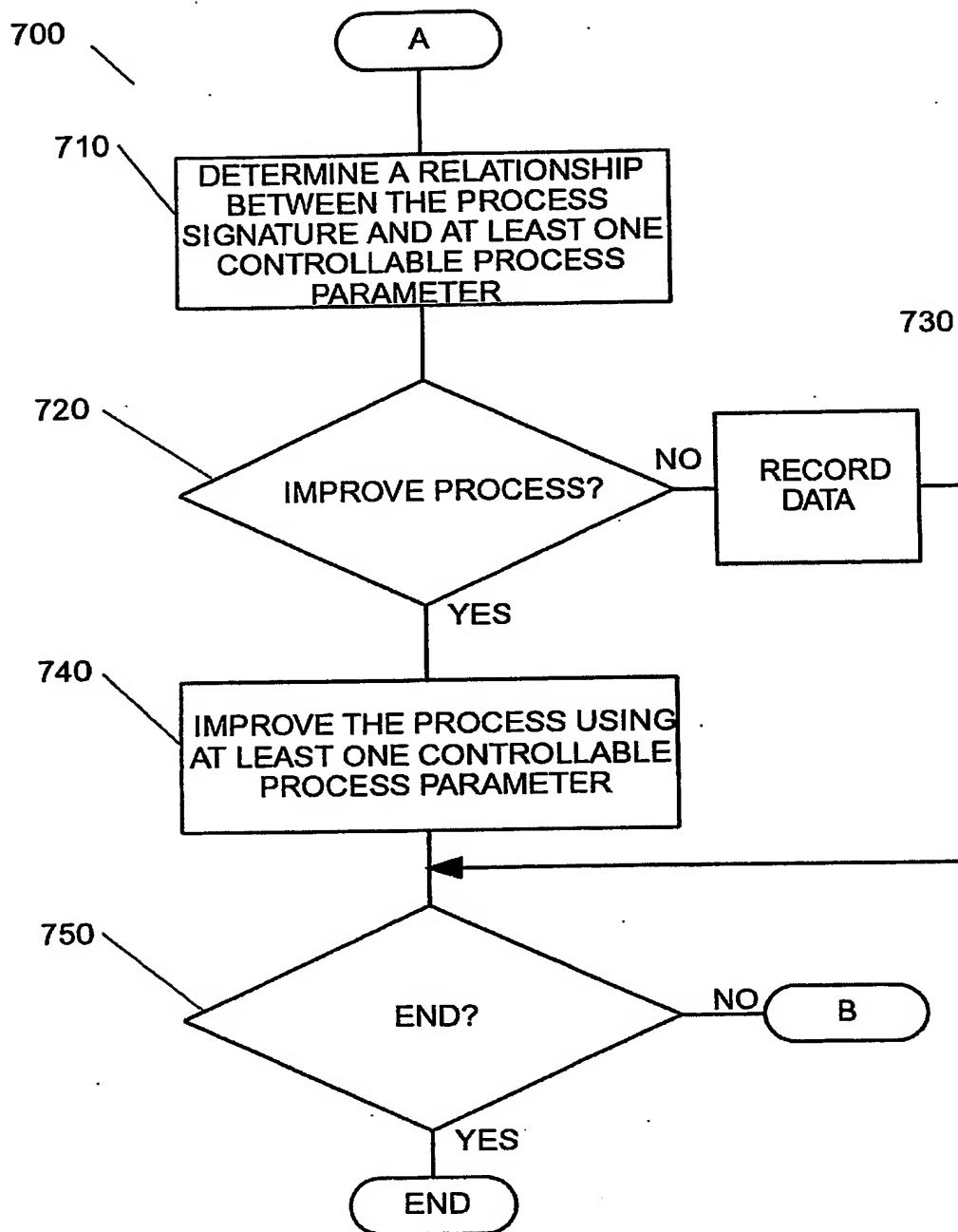


FIG. 18C

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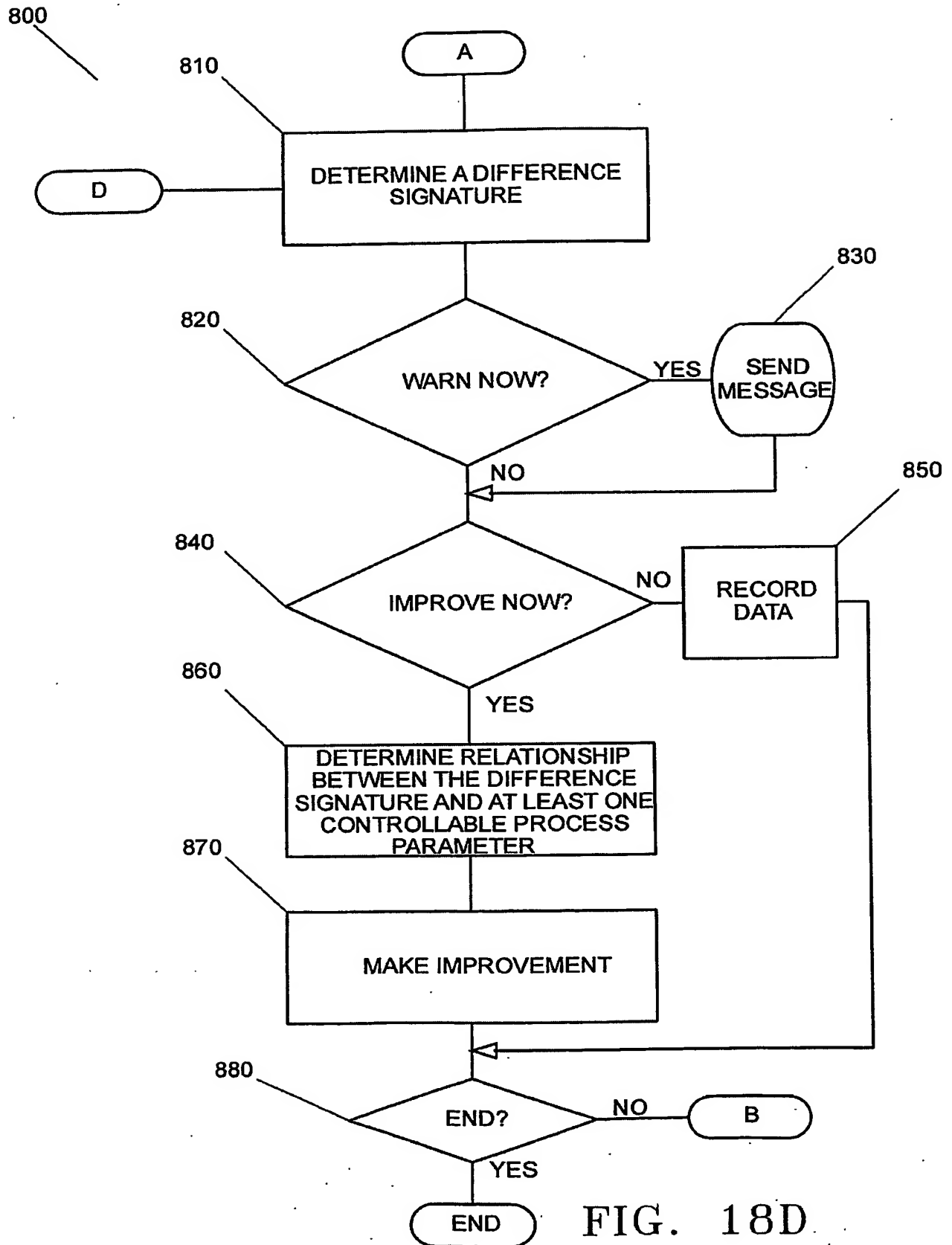


FIG. 18D